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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

CONCERNING A SUBMISSION UNDER 35 U.S.C. 37 APA FOCA PARTIES OF THE PROPERTY OF THE PROPE

TTORNEY'S DOOKEFNUMBER 08

INT	ERNA	ATIONAL APPLICATION NO.	INTERNAT	IONAL FILING DATE	PRIORITY DATE CLAIMED	-0 2003						
P	CT/I	B2004/002175	June 30,		June 30, 2003							
TITLE OF INVENTION SPECIFIC ENERGY ABSORPTION RATE MODEL												
APPLICANT(S) FOR DO/EO/US Michael A. Morich, Paul R. Harvey, Zhiyong Zhai, Gordon D. DeMeester												
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:												
1.	Z		This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.									
2.		This is a SECOND or SUBSEQUENT s	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.									
3.	$\square$	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.										
4.		The US has been elected (Article 31).										
5.	Z	A copy of the International Application	A copy of the International Application as filed (35 U.S.C. 371(c)(2))									
		a.  is attached hereto (required only if not communicated by the International Bureau).										
		b. I has been communicated by the International Bureau.										
	ng Office (RO/US).											
6.		An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).										
		a. is attached hereto.										
		b. has been previously submitted under 35 U.S.C. 154(d)(4).										
7.	V	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))										
		a. are attached hereto (required only if not communicated by the International Bureau).										
		b. have been communicated by the International Bureau.										
		c. have not been made; however, the time limit for making such amendments has NOT expired.										
		d. An have not been made and will not be made.										
8.		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).										
9.	Z	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).										
10.		An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).										
	Item	s 11 to 20 below concern document(s	) or information	included:								
11.	V	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.										
12.		An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.										
13.	Z	A preliminary amendment.		CERTIFICATE OF EXPRESS MAIL	ING							
14.		An Application Data Sheet under 37 C	CFR 1.76.	Express Mail No. EK 419167768 t Date of Deposit December 14, 20								
15.		A substitute specification.		Mail* service under 37 C.F.R. 1.10	ee is being deposited with the United States Postal S on the date indicated above and is addressed to the 0							
16.		A power of attorney and/or change of	address letter.	Patents, P.O. Box 1450 Alexandria Patricia A. Heim	a Heim	····						
17.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.										
18.		A second copy of the published International Application under 35 U.S.C. 154(d)(4).										
19.		A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).										
20.	Z	Other items or information:										

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents P.O. Box 1450, Alexandria VA 22313-1450.

	APPLICATION NO. (if known, see 37 CFR 1.5)  INTERNATIONAL APPLICATION NO.  PCT/IB2004/002175				ATTORNEY'S DOCKET NUMBER PHUS030221US						
The follo	owing fees have b	CALCULATIONS	PTO USE ONLY								
21. Basid	c national fee	\$300	\$ 300.00								
		\$ 200.00									
Search fee (37 Cl	ch fee FR 1.445(a)(2)) h nal Searching Aut rch Report prepar	400.00									
All other situation		\$ 400.00									
	TOTAL OF 21, 22 e for specification	\$ 900.00									
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- 100 =	/50 =			× \$250	\$						
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Independent clair	ns 3	- 3 =	0	x \$200 -	\$						
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b. Please A dupli	charge my Depos	sit Account No. 14	I-1270 in the amount of	\$ 940.00 to co	over the above fees.						
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Account No. 14-1270 . A duplicate copy of this sheet is enclosed.  d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not											
			ard information and authoriz CFR 1.495 has not been m	•	e (37 CFR 1.137(a) o	r (b)) must be filed					
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